

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
 Data File : VV031786.D
 Acq On : 08 Aug 2023 10:28
 Operator : SY/MD
 Sample : 03889-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF1

Quant Time: Aug 09 01:34:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

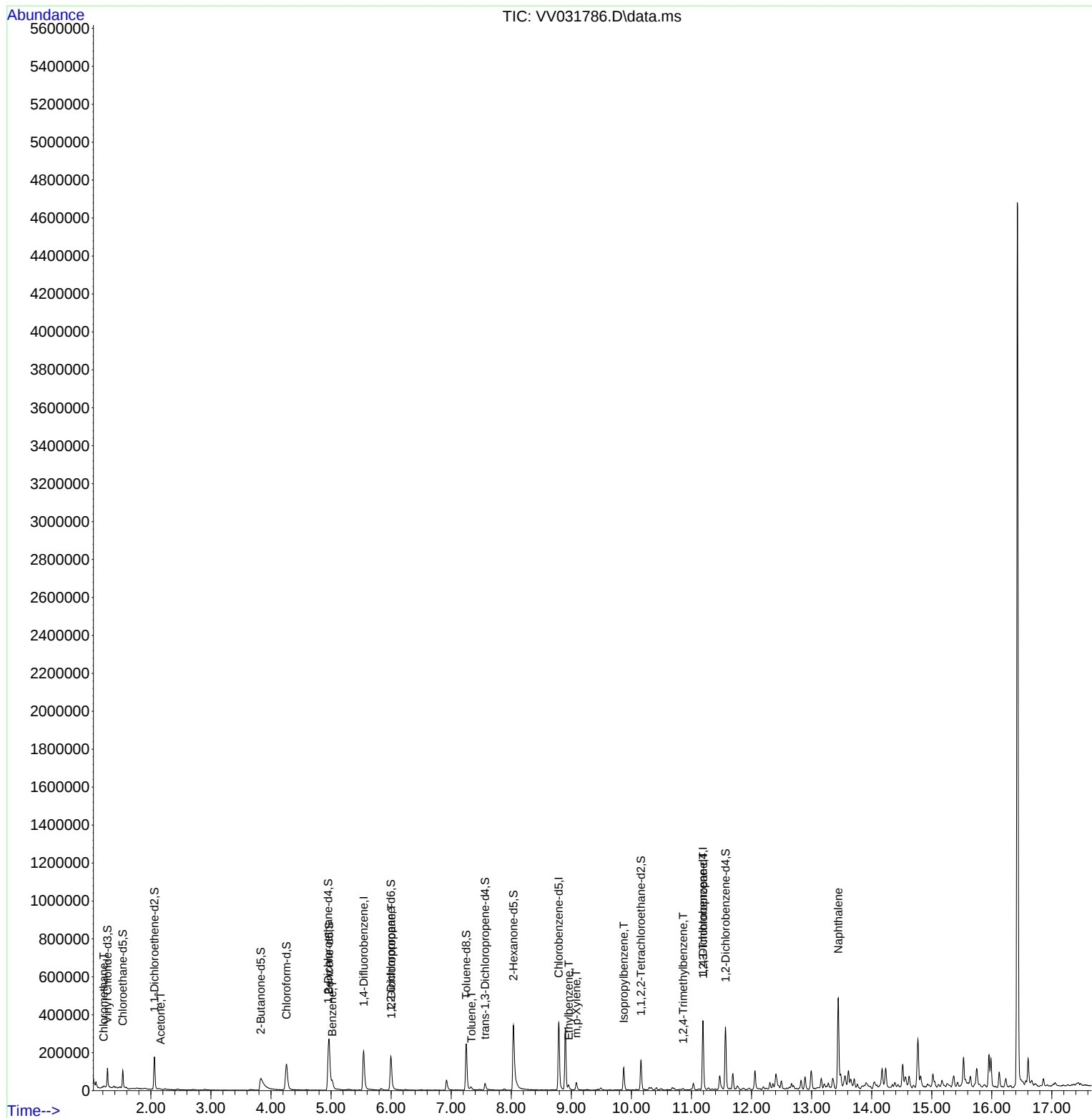
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	173446	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	196771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	92266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58309	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.532	69	59061	4.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	29495	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.828	46	168292	42.886	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	4.259	84	151304	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.953	65	77207	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.966	84	229173	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.995	67	93075	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.249	98	170093	3.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	21196	3.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.400%
46) 2-Hexanone-d5	8.037	63	123427	40.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	76084	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	81169	5.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	5934	0.304	ug/L #	45
13) Acetone	2.163	43	5236	2.097	ug/L	96
33) Benzene	5.021	78	47106	0.942	ug/L	100
37) 1,2-Dichloropropane	6.005	63	9652	0.673	ug/L #	97
42) Toluene	7.336	91	8396	0.174	ug/L #	24
52) Ethylbenzene	8.956	91	13746	0.287	ug/L	99
53) m,p-Xylene	9.085	106	7723	0.437	ug/L	86
60) Isopropylbenzene	9.873	105	66822	1.635	ug/L	99
61) 1,2,3-Trichloropropane	11.194	75	11557	1.409	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.863	105	3869	0.118	ug/L	97
71) Naphthalene	13.445	128	313123	15.205	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

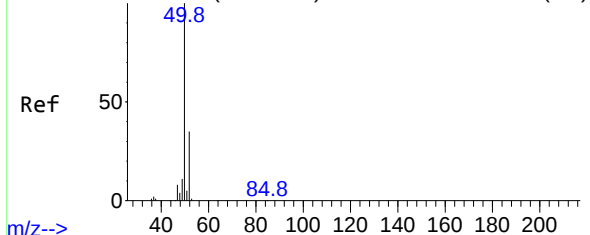
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
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QLast Update : Tue Jul 18 06:24:32 2023
Response via : Initial Calibration



Abundance Scan 56 (1.221 min): VV031783.D\data.ms (-47)



#3

Chloromethane

Concen: 0.304 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV031786.D

Acq: 08 Aug 2023 10:28

Instrument :

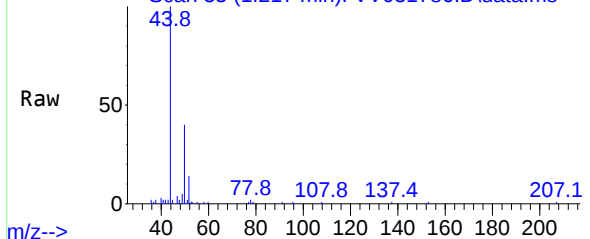
MSVOA_V

ClientSampleId :

C0AF1

m/z-->

Abundance Scan 55 (1.217 min): VV031786.D\data.ms



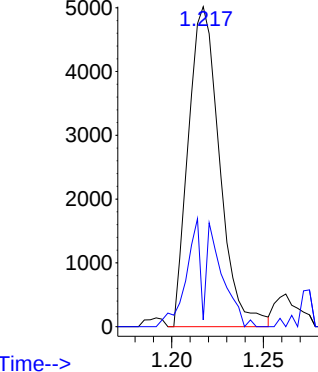
Tgt Ion: 50 Resp: 5934

Ion Ratio Lower Upper

50 100

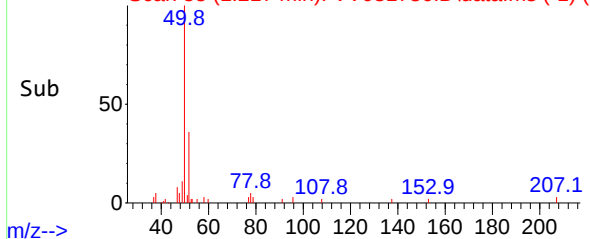
52 2.1 23.5 43.7#

Abundance



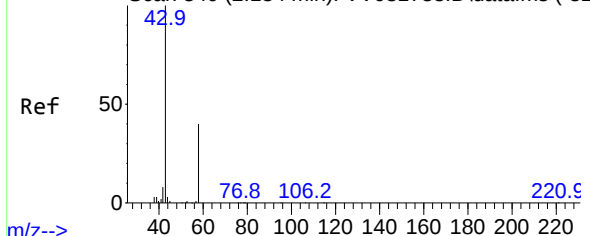
m/z-->

Abundance Scan 55 (1.217 min): VV031786.D\data.ms (-1)



Time-->

Abundance Scan 340 (2.134 min): VV031783.D\data.ms (-32)



#13

Acetone

Concen: 2.097 ug/L

RT: 2.163 min Scan# 349

Delta R.T. 0.019 min

Lab File: VV031786.D

Acq: 08 Aug 2023 10:28

Tgt Ion: 43 Resp: 5236

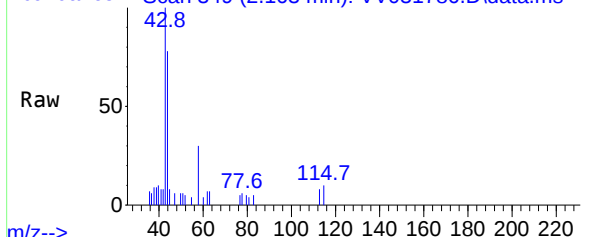
Ion Ratio Lower Upper

43 100

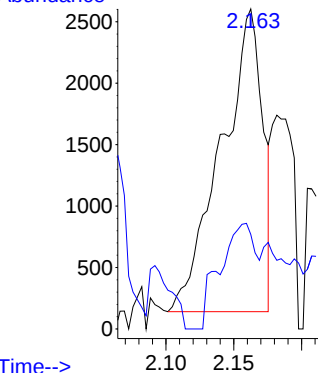
58 30.3 0.0 64.6

m/z-->

Abundance Scan 349 (2.163 min): VV031786.D\data.ms

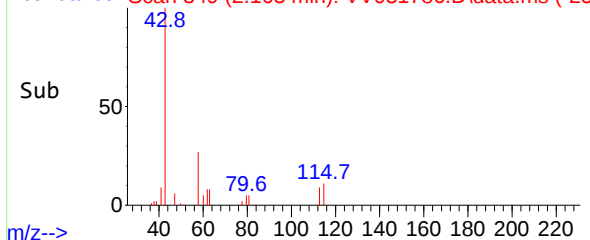


Abundance

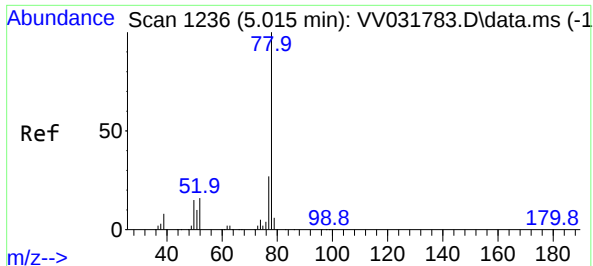


m/z-->

Abundance Scan 349 (2.163 min): VV031786.D\data.ms (-25)

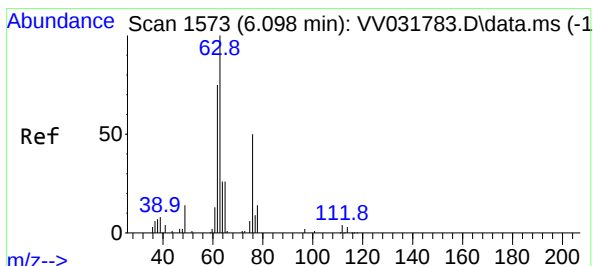
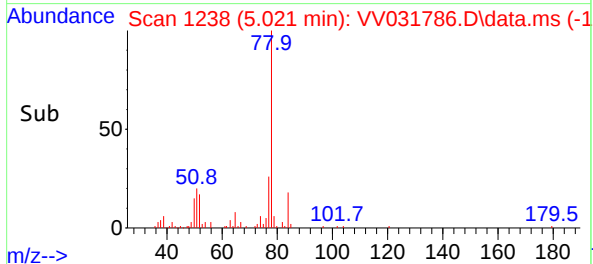
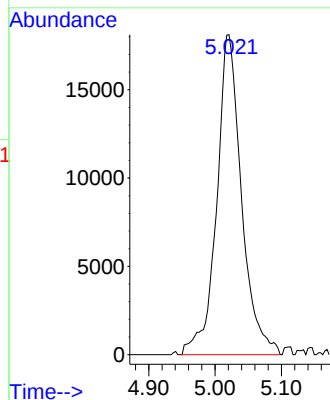
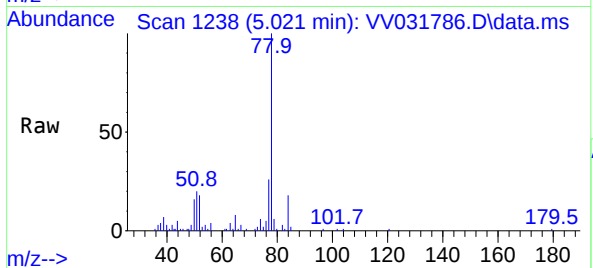


Time-->

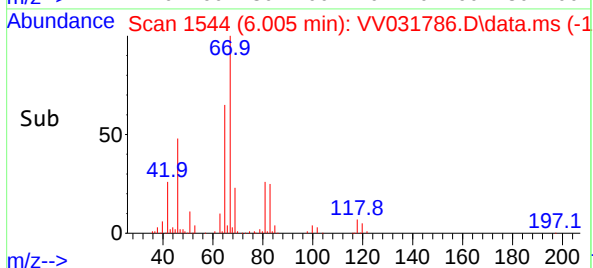
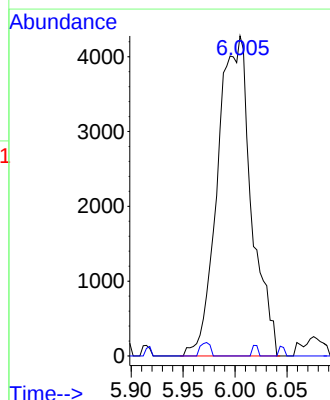
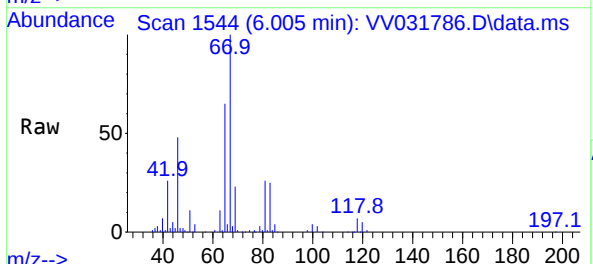


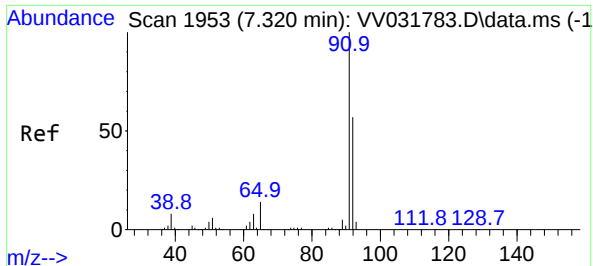
#33
Benzene
Concen: 0.942 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28
Tgt Ion: 78 Resp: 47106

Instrument :
MSVOA_V
ClientSampleId :
C0AF1



#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.005 min Scan# 1544
Delta R.T. -0.093 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28
Tgt Ion: 63 Resp: 9652
Ion Ratio Lower Upper
63 100
112 0.6 1.4 2.2#





#42

Toluene

Concen: 0.174 ug/L

RT: 7.336 min Scan# 1953

Delta R.T. 0.016 min

Lab File: VV031786.D

Acq: 08 Aug 2023 10:28

Instrument :

MSVOA_V

ClientSampleId :

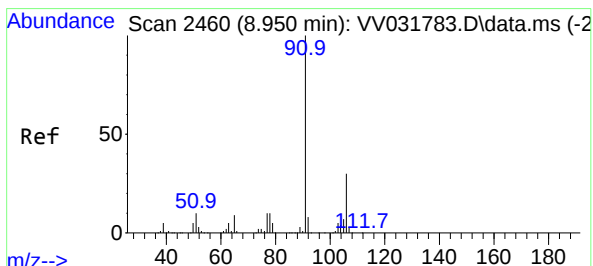
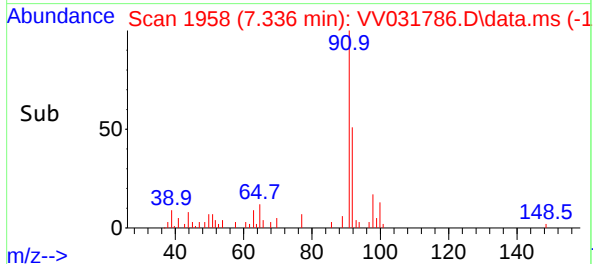
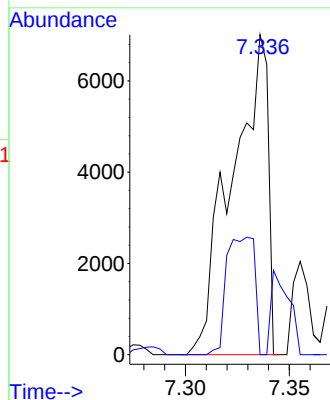
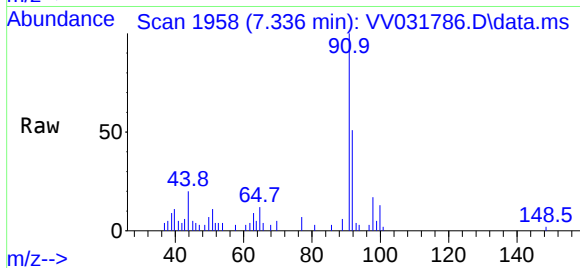
C0AF1

Tgt Ion: 91 Resp: 8396

Ion Ratio Lower Upper

91 100

92 0.0 38.1 70.7#



#52

Ethylbenzene

Concen: 0.287 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.006 min

Lab File: VV031786.D

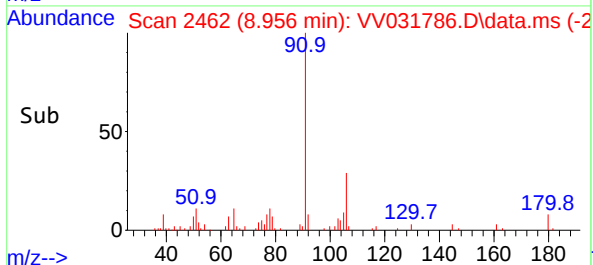
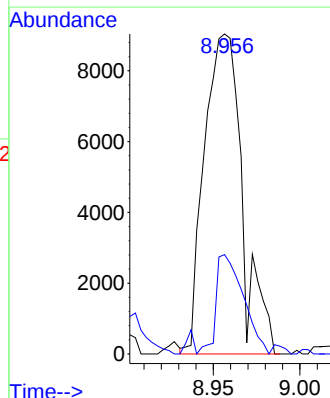
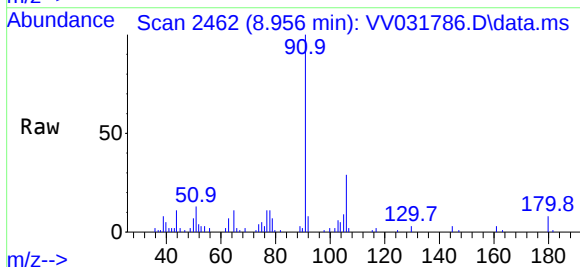
Acq: 08 Aug 2023 10:28

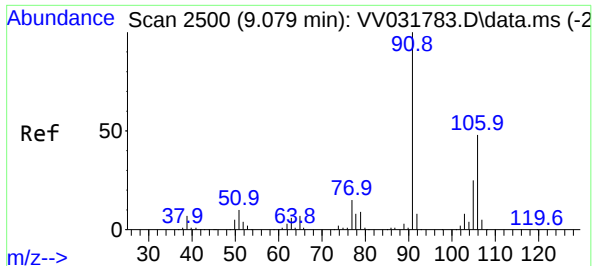
Tgt Ion: 91 Resp: 13746

Ion Ratio Lower Upper

91 100

106 31.0 21.2 39.4

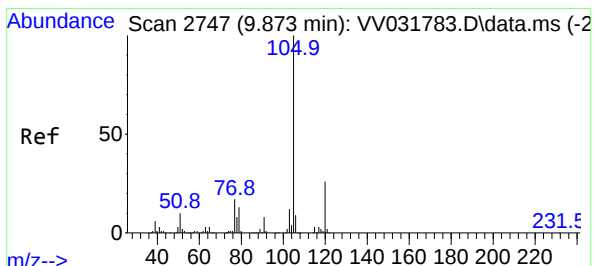
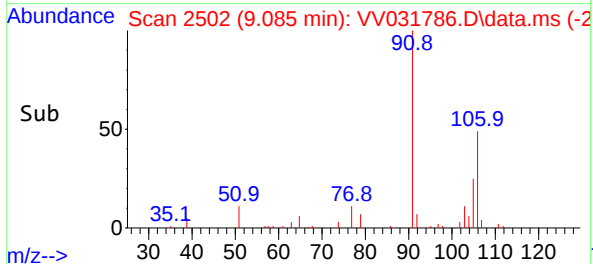
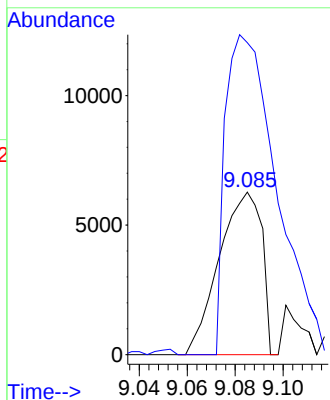
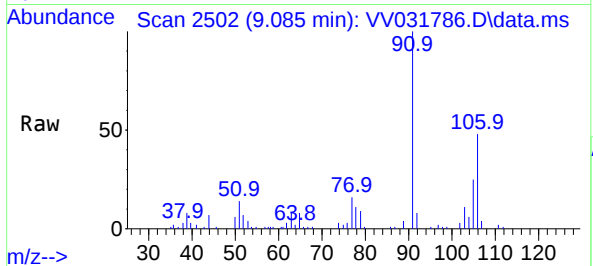




#53
m,p-Xylene
Concen: 0.437 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

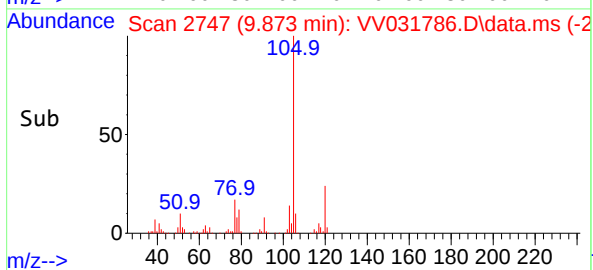
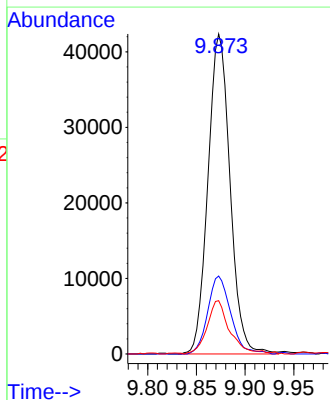
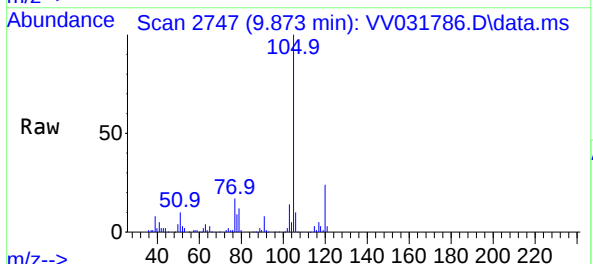
Instrument :
MSVOA_V
ClientSampleId :
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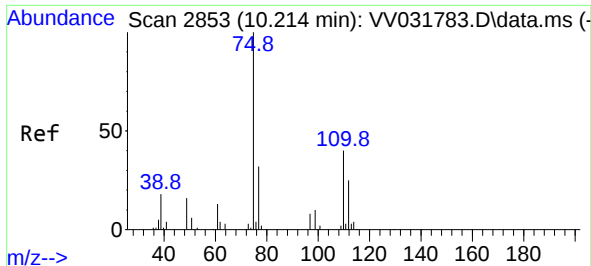
Tgt Ion:106 Resp: 7723
Ion Ratio Lower Upper
106 100
91 191.9 149.9 278.3



#60
Isopropylbenzene
Concen: 1.635 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. -0.000 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

Tgt Ion:105 Resp: 66822
Ion Ratio Lower Upper
105 100
120 25.3 20.0 30.0
77 17.1 14.2 21.4

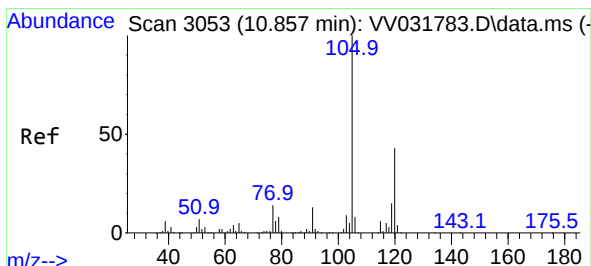
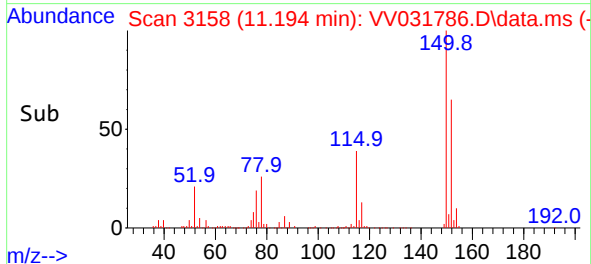
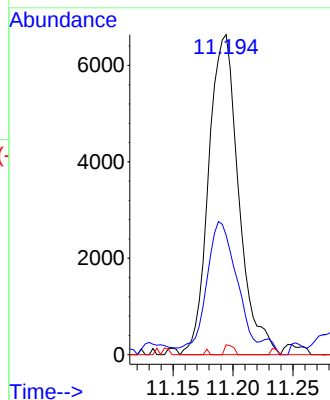
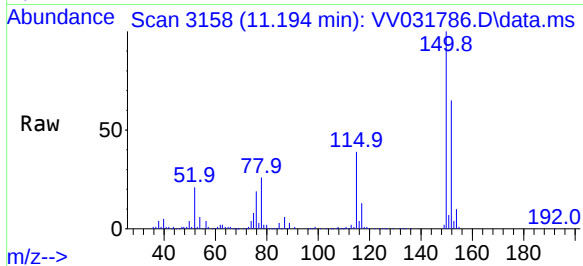




#61
1,2,3-Trichloropropane
Concen: 1.409 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.981 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

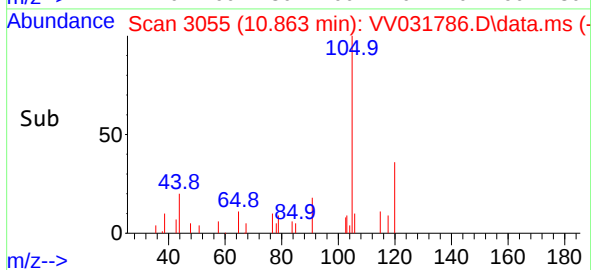
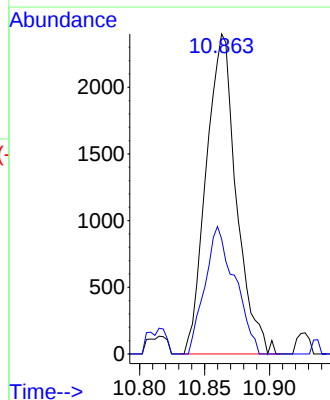
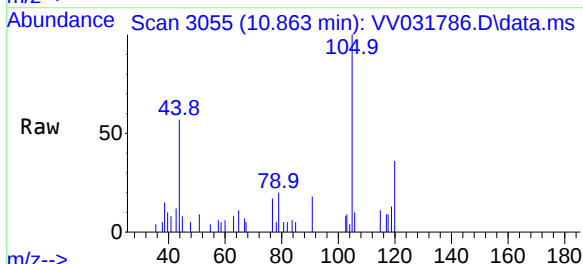
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MSVOA_V
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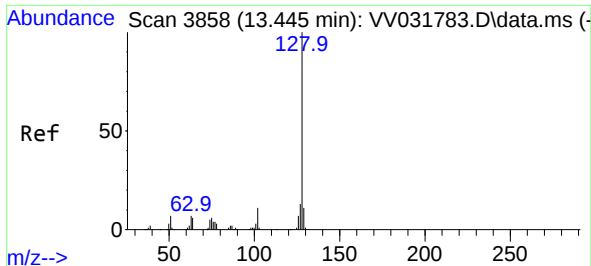
Tgt Ion: 75 Resp: 11557
Ion Ratio Lower Upper
75 100
77 37.7 25.9 38.9
110 0.9 28.6 42.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.118 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

Tgt Ion: 105 Resp: 3869
Ion Ratio Lower Upper
105 100
120 39.8 33.4 50.0





#71
Naphthalene
Concen: 15.205 ug/L
RT: 13.445 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031786.D
Acq: 08 Aug 2023 10:28

Instrument :
MSVOA_V
ClientSampleId :
C0AF1

Tgt Ion:128 Resp: 313123
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 14.5 11.6 17.4

